



**Figure A8.** (A) Digital borehole image, (B) slabbed core photograph, (C) thin-section photomicrograph, and (D) whole-core porosity and permeability data for the mudstone and wackestone rock-fabric facies of HFC3b for the G-3688 test corehole. Slabbed core sample (B) is from a depth of approximately 12.09 to 12.34 feet below land surface. The thin section photomicrograph (C) is from a depth of 12.3 feet below land surface. The depths have been adjusted upward 1.0 foot to match the digital optical log depth.